

INTERNATIONAL SEARCH REPORT

International application No. PCT/KR2006/000908
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A. CLASSIFICATION OF SUBJECT MATTER

H01J 65/04(2006.01)i

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC8 H01J 65/00~65/08

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
KR, JP IPC as aboveElectronic data base consulted during the international search (name of data base and, where practicable, search terms used)
eKIPASS(KIPO internal) "PLS" "plasma lighting system" "electrodeless" "no electrode"

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 07-183008 A (TOSHIBA CO., LTD.) 21 July 1995	1,5,11
A	See paragraphs [0011]-[0021], figs. 1-4	2-4,6-10,12-20
X	JP 11-102795 A (SHARP CO., LTD.) 13 April 1999	1,5,11
A	See paragraphs [0009]-[0020], figs. 1-4	2-4,6-10,12-20
A	US 6734638 B2 (HYUNG JOO KANG; JOON SIK CHOI) 11 May 2004 See columns 1-6, figs. 1-2,4	1-20
A	JP 09-167598 A (MATSUSHITA ELECTRON CORP) 24 June 1997 See paragraphs [0009]-[0014], figs. 1-3	1-20
T	KR 10-2006-0029536 A (LG ELECTRONICS CO., LTD.) 06 April 2006 See pages 3-4, figs. 1-3	1-20

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier application or patent but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
 "&" document member of the same patent family

Date of the actual completion of the international search
13 DECEMBER 2006 (13.12.2006)

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Name and mailing address of the ISA/KR



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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2006/000908

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
JP 07-183008 A	21-07-1995	None	
JP 11-102795 A	13-04-1999	None	
US 6734638 B	11-05-2004	CN 1228812 C CN 1411028 A EP 1304723 A2 EP 1304723 A3 JP 15-109552 A KR 10-2003-0028189 A RU 2232445 C2 US 2003-0057840 A1	23-11-2005 16-04-2003 23-04-2003 02-11-2005 11-04-2003 08-04-2003 10-07-2004 27-03-2003
JP 09-167598 A	24-06-1997	None	
KR 10-2006-0029536 A	06-04-2006	None	